



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

MICHAEL SHAFFER

CASE NO.: MD1080USCNT

APPLICATION NO.: 10/829430

CONFIRMATION NO.: 8774

GROUP ART UNIT: 1631

EXAMINER: UNKNOWN

FILED: APRIL 21, 2004

FOR: REAL TIME QUANTITATIVE PCR WITH SINGLE DYE DETECTION

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08.

Benefit of the earlier filing date of U.S. Patent Application No. 10/204,889, filed August 15, 2002 is claimed under 35 U.S.C. 120 for the above-referenced application and only copies of information not previously made of record in the parent are enclosed.

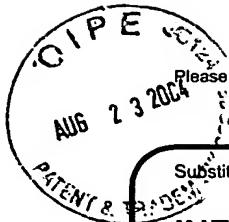
Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

JONATHON NARITA
AGENT FOR APPLICANT
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Dated: 8/12/04

Enclosures



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PTO/SB/08A (08-09)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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Complete if Known

Application Number	10/829,430
Filing Date	APRIL 21, 2004
First Named Inventor	MICHAEL E. SCHAFER ET. AL.
Group Art Unit	1631
Examiner Name	ARDIN H. MARSCHEL
	MR 100014547

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of

Attorney Docket Number

MD1080USCNT

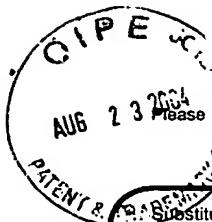
U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.**

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/829,430
Filing Date	APRIL 21, 2004
First Named Inventor	MICHAEL E. SCHAFER ET. AL.
Group Art Unit	1631
Examiner Name	ARDIN H. MARSCHEL
Attorney Docket Number	MD1080 USCNT

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	RUSSELL HIGUCHI ET. AL., BIO/TECHNOLOGY, VOL. 11:1026-1030, 1993, KINETIC PCR ANALYSIS: REAL TIME MONITORING OF DNA AMPLIFICATION REACTIONS.	
	2	TAKAHICO ISHIGURO ET. AL., ANALYTICAL BIOCHEMISTRY, VOL. 229:207-213, 1995, HOMOGENEOUS QUANTITATIVE ASSAY OF HEPATITIS C VIRUS RNA BY POLYMERASE CHAIN REACTION IN THE PRESENCE OF A FLUORESCENT INTERCALATER.	
	3	CARL T. WITTWER ET. AL., BIOTECHNIQUES, VOL. 22:130-138, 1997, CONTINUOUS FLUORESCENCE MONITORING OF RAPID CYCLE DNA AMPLIFICATION.	
	4	M. E. DOYLE ET AL., FOOD MICROBIOLOGY FUNDAMENTALS AND FRONTIERS, 1997, ASM PUBLICATION, PP. 723-724	
	5	KIRK M. RIRIE ET. AL., ANALYTICAL BIOCHEMISTRY, VOL. 245:154-160, 1997, PRODUCT DIFFERENTIATION BY ANALYSIS OF DNA MELTING CURVES DURING THE POLYMERASE CHAIN REACTION.	
	6	MERVYN SHEPHERD ET. AL., MOLECULAR BREEDING, VOL. 4:509-517, 1998, MONITORING OF FLUORESCENCE DURING DNA MELTING AS A METHOD FOR DISCRIMINATION AND DETECTION OF PCR PRODUCTS IN VARIETY IDENTIFICATION.	
	7	TOM B. MORRISON ET. AL., JOURNAL OF CLINICAL MICROBIOLOGY, VOL. 37:987-992, 1999, RAPID AND SENSITIVE QUANTIFICATION OF BORRELIA BURGDORFERI- INFECTED MOUSE TISSUES BY CONTINUOUS FLUORESCENT MONITORING OF PCR.	

Examiner Signature		Date Considered	
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